

JACK WANG

Computer Science and Business
UC Berkeley

CONTACT

t.h.wang@berkeley.edu
(510) 325-9773
jackwang1997.me
linkedin.com/in/jackwang19
github.com/deciente

SKILLS

Languages: Java (professionally certified), C/C++, Javascript, lisp, PL/SQL, python

Database: Oracle, MySQL, MongoDB

Frameworks: Express, Apache

Version Control: Git, SVN

AWARDS

Honour Roll for American Mathematics Competition (AMC) 2014, and qualification for AIME

Software Engineer's Scholarship from the University of Waterloo

First place in Peel Regional (County) Secondary Debate Championships

8th Place in Ontario Provincial Debate Championships (largest debate tournament in Ontario)

HOBBIES

Basketball, hiking, and outdoorsman-ship

Piano and viola

Coding, 'hacking,' and tinkering

EDUCATION

Computer Science and Business Administration, Sophomore
University of California, Berkeley

Class of 2019

- Cumulative 3.9 GPA, Dean's Honour List (top 4%), Honours to Date
- 95th Percentile in Computer Science courses
- Steadfast, consistently strong performance in all courses of all types

Ontario Secondary School Diploma, The Woodlands School, Mississauga, ON 2015

SAT - 800 Reading, 730 Writing, 790 Math (2320 cumulative) 2014

INDUSTRY

Software Engineer Intern, Ontario Government

Toronto, ON, Summer 2016

- Server-side web development intern at the Government Services Integration Cluster
- Worked on small team developing a government web application to register and track officials that are legally authorized to perform marriages
- Oversaw the migration of a large dataset from an obsolete Access Database to an Oracle Database; also wrote a testing module which made it easier for the QA to test the accuracy of the migration
- Ported database triggers written in PL/SQL into Java application layer triggers
- Developed updated wireframes for the project's user-end which were used to present UI/UX changes to the management
- Wrote testing module using Selenium and Cucumber to test the speed and reliability of the application prototype
- Fixed bugs and helped with other miscellaneous tasks
- Acquired acumen in working in a large-enterprise environment; an experience totally different from the solo and small group projects done before
- Became very well versed in working using Java, PL/SQL, Oracle, and enterprise level web application tools

PROJECTS

Scheme Interpreter (Python)

Fall 2015

- Fully functional Scheme (lisp dialect) interpreter written in python
- Adheres to Scheme conventions and features tail recursion

Text Editor (Java)

Spring 2016

- Developed a text editor from scratch using only Javafx, and no other libraries like swing and awt
- Fully functional and efficient, able to open, edit, and save extremely large files with reasonable speed

BearMaps (Java, Javascript, Maven)

Spring 2016

- Web app for an online map of the UC Berkeley campus and surrounding areas. Written largely from scratch using only standard Java libraries
- Used quadtree to implement zoom and raster feature to render the collection of png images into a map; used A* search with Euclidean heuristic to implement routing, and prefix trie to implement location search

Facebook Chatbot (MEAN stack)

Summer 2016 (ongoing)

- Node.js based web application using express framework and passport authentication
- User logs in with facebook using passport authentication and the app will generate strings of text similar to what the user would normally say using a Markov Chain string generator